AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A method in an application server, the method comprising:

receiving, by the application server, an initiation request from a gateway configured for receiving incoming calls and via a call control channel between the application server and the gateway;

initiating by the application server an instance of an application process configured for executing a prescribed sequence of messaging operations for a first type of incoming message, in response to reception of [[an]] the initiation request, the initiating step including writing first data, having been received from the gateway via a media channel, into a first data structure that identifies information based on execution of the instance;

selectively setting by the application server a prescribed variable based on receiving a reject message from the gateway via the call control channel; and

selectively terminating, by the application server, the instance prior to completing the sequence of messaging operations based on detecting, at a prescribed location in the prescribed sequence, [[a]] the prescribed variable set during execution of the instance and that specifies the prescribed sequence of message operations are not to be performed based on the prescribed variable having been set to specify that the incoming message corresponds to a second message type incompatible with the first type, the selectively terminating step including terminating execution of the operations subsequent to the prescribed location and removing the first data from the first data structure.

2. (ORIGINAL) The method of claim 1, wherein the initiating step includes executing the prescribed sequence of messaging operations for a voice message as the first type.

3. (ORIGINAL) The method of claim 2, wherein the selectively terminating step includes terminating the instance based on detecting that the prescribed variable, specifying a voice over IP protocol message, specifies a call rejected condition.

4. (CANCELED).

5. (PREVIOUSLY PRESENTED) The method of claim 3, wherein the detecting includes identifying the incoming message as a facsimile message as said second message type.

6. (ORIGINAL) The method of claim 1, wherein the removing step includes deleting a recorded message as the first data from the first data structure.

7. (PREVIOUSLY PRESENTED) The method of claim 6, wherein the selectively terminating step further includes adding a log entry indicating deletion of the recorded message prior to storage within a subscriber message store, based on detecting that the prescribed variable specifies a detected difference between the first type and a detected type having been identified as said second message type.

8. (ORIGINAL) The method of claim 7, wherein the first type corresponds to a voice message, the method further comprising setting the prescribed variable to not perform the prescribed sequence of message operations based on detecting that the incoming message is a fax message.

9. (ORIGINAL) The method of claim 1, wherein the selectively terminating step includes halting operations for transmission of a message, recorded during execution of the instance, into a subscriber message store.

10. (ORIGINAL) The method of claim 1, further comprising selectively completing execution of the messaging operations, including transmission of a message recorded during execution of the instance, based on an absence of the prescribed variable being set upon the instance reaching the prescribed location in the prescribed sequence.

11. (PREVIOUSLY PRESENTED) A method in a communications system having a gateway configured for receiving incoming calls and an application server, the method comprising:

sending a request by the gateway to the application server for initiating a messaging session according to a first message type in response to receiving an incoming call;

initiating by the application server an instance of an application process configured for executing a prescribed sequence of messaging operations for generation of the messaging session, including writing first data into a first data structure that identifies information based on execution of the instance;

detecting by the gateway, following sending the request, that the incoming call corresponds to a second message type incompatible with the first message type and in response sending a reject message to the application server; and

terminating the instance, prior to completion of executing the prescribed sequence of messaging operations by the application server in response to the reject message, including removing the first data from the first data structure.

12. (ORIGINAL) The method of claim 11, wherein the sending step includes sending a second request, concurrently with sending the request for initiating the messaging session according to the first message type, for initiation of a messaging session according to the second message type in response to receiving the incoming call.

13. (ORIGINAL) The method of claim 12, wherein the step of sending the second request includes outputting the second request to a server configured for initiating the messaging session according to the second message type.

14. (ORIGINAL) The method of claim 13, wherein the first message type corresponds to a voice message, and the second message type corresponds to a fax message, the step of sending a reject message including specifying a voice over IP protocol call rejected message.

15. (ORIGINAL) The method of claim 11, wherein the removing step includes deleting a recorded message as the first data from the first data structure prior to storage in a subscriber message store.

16. (CURRENTLY AMENDED) A communications system comprising:

a gateway configured for receiving an incoming call and in response sending first and second requests for initiation of messaging sessions according to respective first and second message types, the gateway configured for generating a reject message in response to detecting that the incoming call corresponds to the second message type incompatible with the first message type; and

an application server configured for initiating, in response to the first request, an instance of an application process configured for executing a prescribed sequence of messaging operations for generation of the messaging session according to the first message type, the application server configured for writing first data into a first data structure that identifies information based on execution of the instance, the application server having an asynchronous event manager configured for causing termination of ~~terminating~~ the instance, including ~~removing~~ removal of the first data from the data structure, prior to completion of executing the prescribed sequence of messaging operations, in response to reception of the reject message.

17. (ORIGINAL) The system of claim 16, further comprising a second server configured for initiating the messaging session according to the second message type in response to reception of the second request, the second server configured for receiving a fax message as the second message type.

18. (CURRENTLY AMENDED) The system of claim 16, wherein the asynchronous event manager is configured for ~~removing~~ causing removal of a recorded message as the first data from the data structure, prior to storage in a subscriber message store, in response to reception of the reject message.

19. (ORIGINAL) The system of claim 17, wherein the gateway is configured for generating the reject message to specify a voice over IP protocol message.

20. (CURRENTLY AMENDED) A computer readable medium having stored thereon sequences of instructions for an application server to execute a messaging session, the sequences of instructions including instructions for performing the steps of:

receiving, by the application server, an initiation request from a gateway configured for receiving incoming calls and via a call control channel between the application server and the gateway;

initiating by the application server an instance of an application process configured for executing a prescribed sequence of messaging operations for a first type of incoming message, in response to reception of [[an]] the initiation request, the initiating step including writing first data, having been received from the gateway via a media channel, into a first data structure that identifies information based on execution of the instance;

selectively setting by the application server a prescribed variable based on receiving a reject message from the gateway via the call control channel; and

selectively terminating, by the application server, the instance prior to completing the sequence of messaging operations based on detecting, at a prescribed location in the prescribed sequence, [[a]] the prescribed variable set during execution of the instance and that specifies the prescribed sequence of message operations are not to be performed based on the prescribed variable having been set to specify that the incoming message corresponds to a second message type incompatible with the first type, the selectively terminating step including terminating execution of the operations subsequent to the prescribed location and removing the first data from the first data structure.

21. (ORIGINAL) The medium of claim 20, wherein the initiating step includes executing the prescribed sequence of messaging operations for a voice message as the first type.

22. (ORIGINAL) The medium of claim 21, wherein the selectively terminating step includes terminating the instance based on detecting that the prescribed variable, specifying a voice over IP protocol message, specifies a call rejected condition.

23. (CANCELED).

24. (PREVIOUSLY PRESENTED) The medium of claim 22, wherein the detecting includes identifying the incoming message as a facsimile message as said second message type.

25. (ORIGINAL) The medium of claim 20, wherein the removing step includes deleting a recorded message as the first data from the first data structure.

26. (PREVIOUSLY PRESENTED) The medium of claim 25, wherein the selectively terminating step further includes adding a log entry indicating deletion of the recorded message prior to storage within a subscriber message store, based on detecting that the prescribed variable specifies a detected difference between the first type and a detected type having been identified as said second message type.

27. (ORIGINAL) The medium of claim 26, wherein the first type corresponds to a voice message, the method further comprising setting the prescribed variable to not perform the prescribed sequence of message operations based on detecting that the incoming message is a fax message.

28. (ORIGINAL) The medium of claim 20, wherein the selectively terminating step includes halting operations for transmission of a message, recorded during execution of the instance, into a subscriber message store.

29. (ORIGINAL) The medium of claim 20, further comprising instructions for performing the step of selectively completing execution of the messaging operations, including transmission of

a message recorded during execution of the instance, based on an absence of the prescribed variable being set upon the instance reaching the prescribed location in the prescribed sequence.

30-34. (CANCELED).

35. (CURRENTLY AMENDED) An application server ~~A system~~ for executing a messaging application, the ~~system~~ application server including:

means for receiving an initiation request from a gateway configured for receiving incoming calls and via a call control channel between the application server and the gateway;

means for initiating an instance of an application process configured for executing a prescribed sequence of messaging operations for a first type of incoming message, in response to reception of [[an]] the initiation request by the means for receiving of the application server, the means for initiating ~~step including~~ configured for writing first data into a first data structure that identifies information based on execution of the instance; and

means for selectively setting a prescribed variable based on the application server receiving a reject message from the gateway via the call control channel;

~~means for~~ the means for initiating selectively terminating the instance prior to completing the sequence of messaging operations based on detecting, at a prescribed location in the prescribed sequence, [[a]] the prescribed variable set during execution of the instance and that specifies the prescribed sequence of message operations are not to be performed based on the prescribed variable having been set to specify that the incoming message corresponds to a second message type incompatible with the first type, the ~~selectively terminating means configured for~~ means for initiating terminating execution of the operations subsequent to the prescribed location and removing the first data from the first data structure, based on the prescribed variable set.

36. (CURRENTLY AMENDED) The ~~system~~ server of claim 35, wherein the means for initiating ~~initiating means~~ is configured for executing the prescribed sequence of messaging operations for a voice message as the first type.

37. (CURRENTLY AMENDED) The ~~system~~ server of claim 36, wherein the ~~selectively terminating~~ means for initiating is configured for terminating the instance based on detecting that the prescribed variable, specifying a voice over IP protocol message, specifies a call rejected condition.

38. (CANCELED).

39. (CURRENTLY AMENDED) The ~~system~~ server of claim 37, wherein the selectively ~~terminating~~ setting means is configured for identifying the incoming message as a facsimile message.

40. (CURRENTLY AMENDED) The ~~system~~ server of claim 35, wherein the ~~selectively terminating~~ means for initiating is configured for deleting a recorded message as the first data from the first data structure.

41. (CURRENTLY AMENDED) The ~~system~~ server of claim 40, wherein the ~~selectively terminating~~ means for initiating is configured for adding a log entry indicating deletion of the recorded message prior to storage within a subscriber message store, based on detecting that the prescribed variable specifies a detected difference between the first type and a detected type having been identified as said second message type.

42. (CANCELED).

43. (CURRENTLY AMENDED) The ~~system~~ server of claim 35, wherein the ~~selectively terminating~~ means for initiating is configured for halting operations for transmission of a message, recorded during execution of the instance, into a subscriber message store.

44. (CURRENTLY AMENDED) The ~~system~~ server of claim 35, ~~further comprising means for~~ wherein the means for initiating is configured for selectively completing execution of the messaging operations, including transmission of a message recorded during execution of the instance, based on an absence of the prescribed variable being set upon the instance reaching the prescribed location in the prescribed sequence.

45. (CURRENTLY AMENDED) An application server comprising:

an interface configured for receiving messages from a gateway configured for receiving incoming calls, the gateway configured for outputting a first request for initiating a messaging session according to a first message type in response to receiving the incoming call, the gateway also configured for outputting a reject message in response to detecting that the incoming call corresponds to a second message type incompatible with the first message type; and

an application runtime environment configured for initiating an instance of an application process, configured for executing a prescribed sequence of messaging operations for the first type of incoming message, in response to reception of the first request, the instance writing first data into a first data structure that identifies information based on execution of the instance, the application runtime environment including an asynchronous event manager configured for selectively causing termination of ~~terminating~~ the instance prior to completing the sequence of messaging operations based on detecting the reject message, by a prescribed location in the prescribed sequence, specifies that the incoming message corresponds to the second message type, the asynchronous event manager causing termination of ~~terminating~~ execution of the operations subsequent to the prescribed location and ~~removing~~ removal of the first data from the first data structure.

46. (CURRENTLY AMENDED) The server of claim 45, wherein the asynchronous event manager is configured for ~~removing~~ causing removal of a recorded message as the first data from the data structure, prior to storage thereof in a subscriber message store, in response to reception of the reject message.

47. (CURRENTLY AMENDED) The server of claim 46, wherein the ~~asynchronous event manager~~ instance is configured for generating a log entry indicating termination of the instance based on reception of the reject message.

48. (ORIGINAL) The server of claim 46, wherein the first message type corresponds to a voice message and the second message type corresponds to a fax message, the reject message including a voice over IP protocol call rejected message.

49. (PREVIOUSLY PRESENTED) The system of claim 16, wherein the gateway is configured for sending the first and second requests concurrently for the respective messaging sessions to be executed concurrently.

50. (NEW) The method of claim 1, wherein the selectively setting includes:

receiving the reject message by a persistent asynchronous event manager process executed by the application server; and

setting the prescribed variable by the persistent asynchronous event manager process, in response to the reject message, prior to the prescribed location in the prescribed sequence.

51. (NEW) The method of claim 11, further comprising:

detecting the reject message by a persistent asynchronous event manager process executed by the application server; and

setting a prescribed variable by the persistent asynchronous event manager process and that indicates the prescribed sequence of messaging operations should not be completed, in response to the detection of the reject message and prior to a prescribed location in the prescribed sequence;

the terminating including detecting, by the instance at the prescribed location in the prescribed sequence, the prescribed variable set to indicate the prescribed sequence of messaging operations should not be completed, and in response removing the first data from the first data structure and terminating the operations of the prescribed sequence subsequent to the prescribed

location.

52. (NEW) The system of claim 16, wherein the asynchronous event manager is a persistent application instance executed by the application server.

53. (NEW) A communications system comprising:

gateway means for receiving an incoming call and in response sending first and second requests for initiation of messaging sessions according to respective first and second message types, the gateway means configured for generating a reject message in response to detecting that the incoming call corresponds to the second message type incompatible with the first message type; and

application server means for initiating, in response to the first request, an instance of an application process configured for executing a prescribed sequence of messaging operations for generation of the messaging session according to the first message type, the application server means configured for writing first data into a first data structure that identifies information based on execution of the instance, the application server means having an asynchronous event monitoring means configured for causing termination of the instance, including removal of the first data from the data structure, prior to completion of executing the prescribed sequence of messaging operations, in response to reception of the reject message.